

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038758.D
 Acq On : 16 Feb 2023 15:34
 Operator : CG/JU
 Sample : 01537-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-2-(TP2)-COMP-2

Quant Time: Feb 16 17:30:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

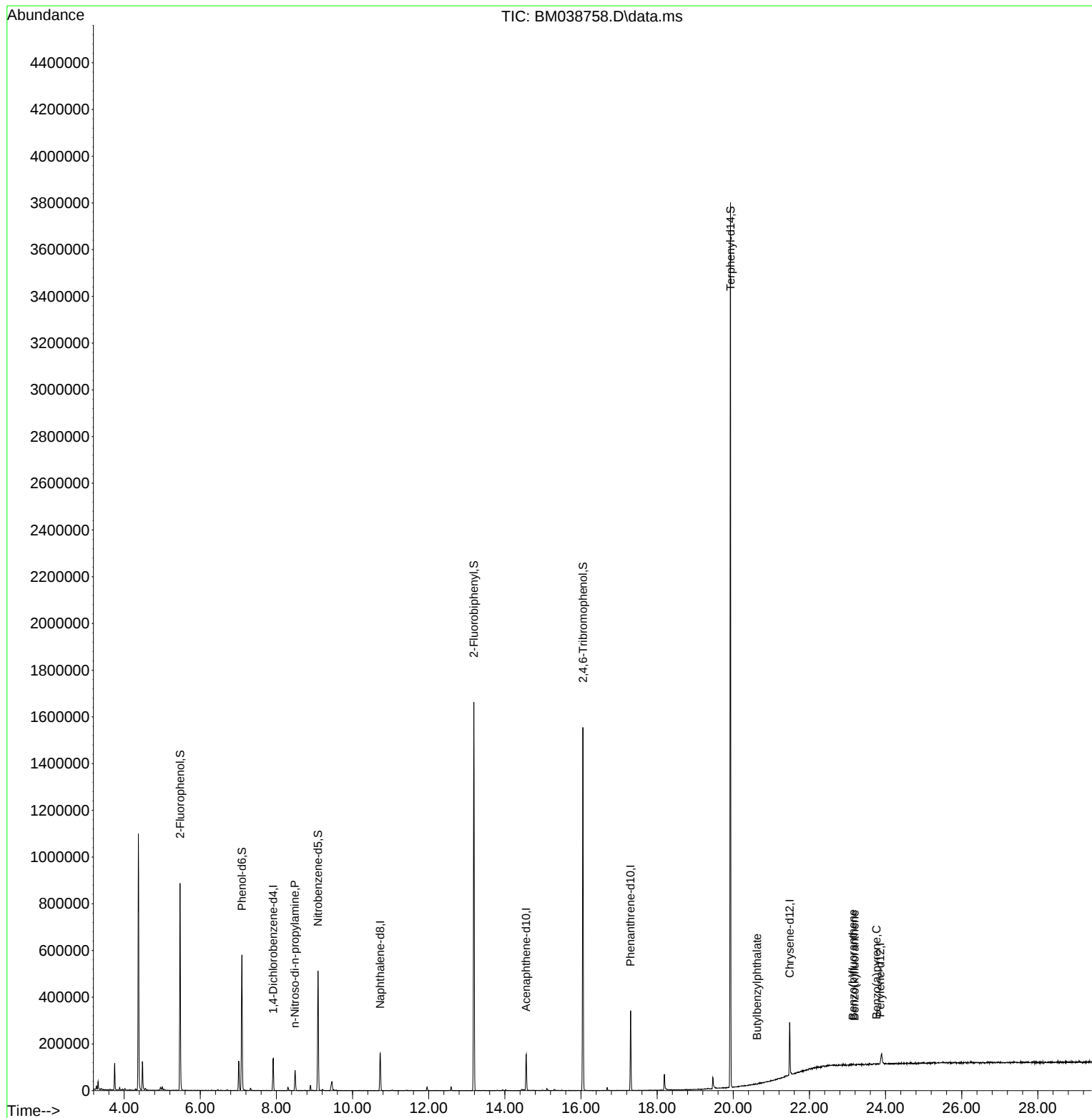
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	40679	20.000	ng	0.02
21) Naphthalene-d8	10.728	136	137501	20.000	ng	0.02
39) Acenaphthene-d10	14.557	164	44616	20.000	ng	0.01
64) Phenanthrene-d10	17.304	188	178010	20.000	ng	# 0.02
76) Chrysene-d12	21.480	240	61062	20.000	ng	# 0.02
86) Perylene-d12	23.862	264	904	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	381107	183.523	ng	0.01
7) Phenol-d6	7.092	99	286882	121.127	ng	0.01
23) Nitrobenzene-d5	9.092	82	269515	111.334	ng	0.01
42) 2,4,6-Tribromophenol	16.051	330	234291	386.345	ng	0.02
45) 2-Fluorobiphenyl	13.186	172	780188	222.624	ng	0.02
79) Terphenyl-d14	19.927	244	1373941	397.064	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.486	70	8793	6.159	ng	# 56
80) Butylbenzylphthalate	20.627	149	357	2.091	ng	# 31
88) Benzo(b)fluoranthene	23.144	252	1448	26.743	ng	# 64
89) Benzo(k)fluoranthene	23.186	252	643	11.694	ng	# 17
90) Benzo(a)pyrene	23.762	252	140	2.615	ng	# 1

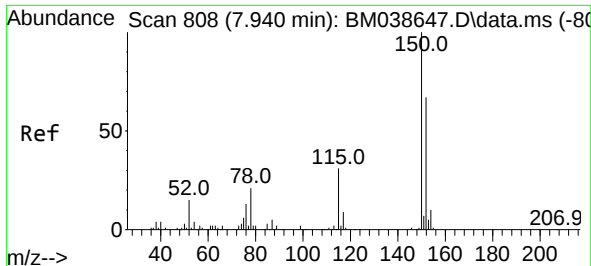
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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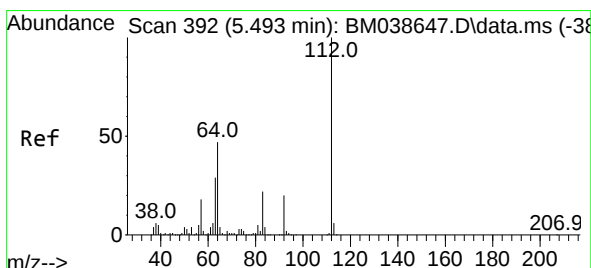
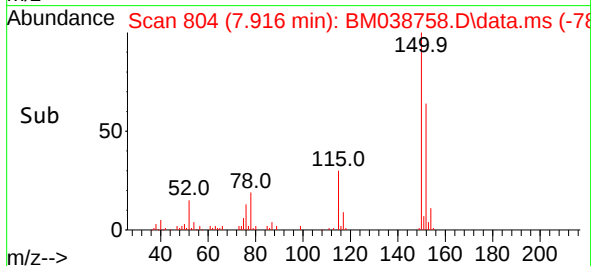
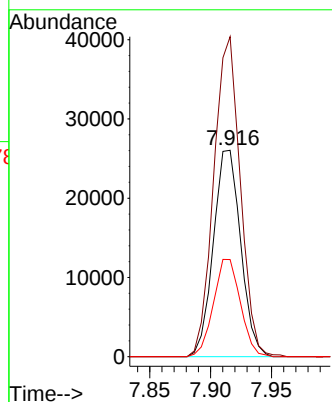
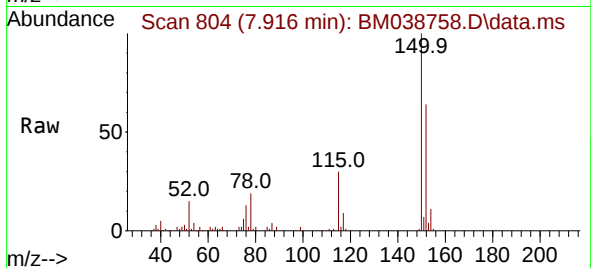




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 804
Delta R.T. 0.018 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

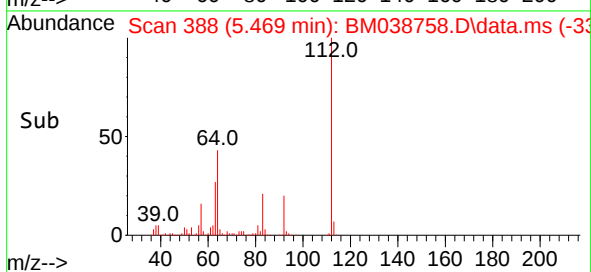
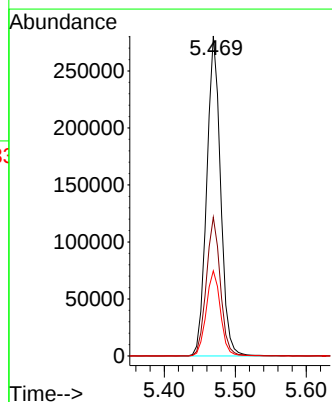
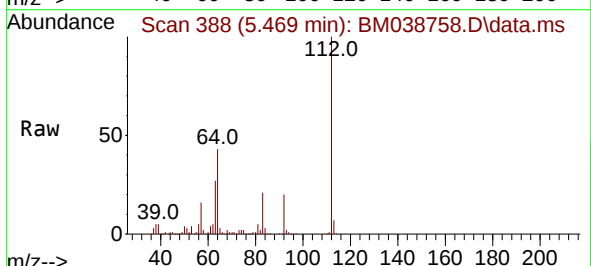
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-2-(TP2)-COMP-2

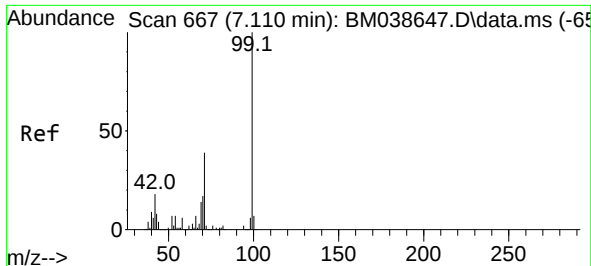
Tgt Ion:152 Resp: 40679
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 47.1 37.6 56.4



#5
2-Fluorophenol
Concen: 183.523 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.012 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

Tgt Ion:112 Resp: 381107
Ion Ratio Lower Upper
112 100
64 43.3 37.9 56.9
63 26.6 23.3 34.9

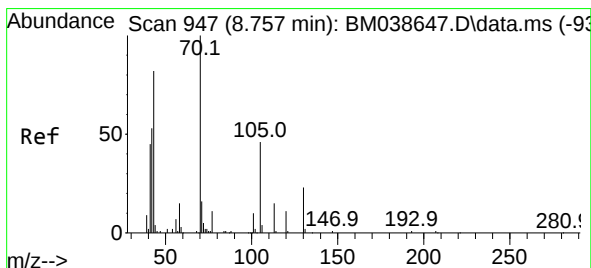
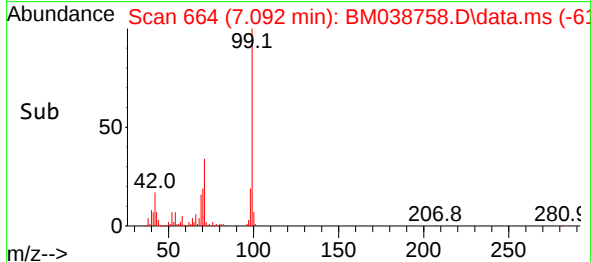
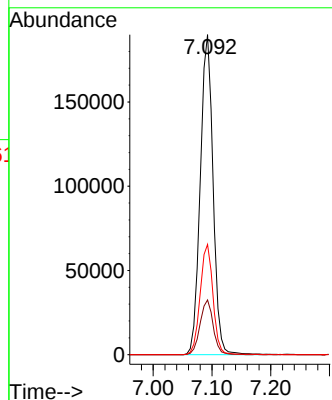
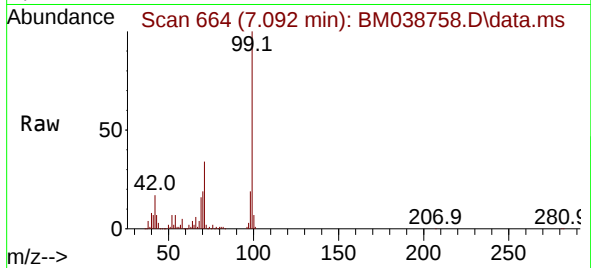




#7
Phenol-d6
Concen: 121.127 ng
RT: 7.092 min Scan# 60
Delta R.T. 0.012 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

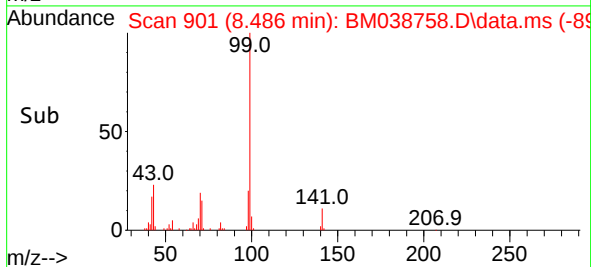
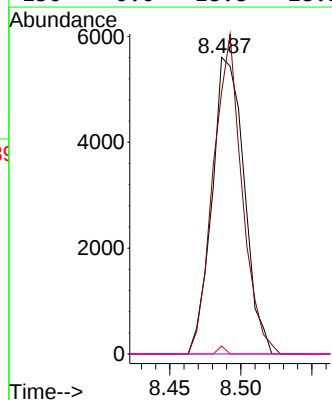
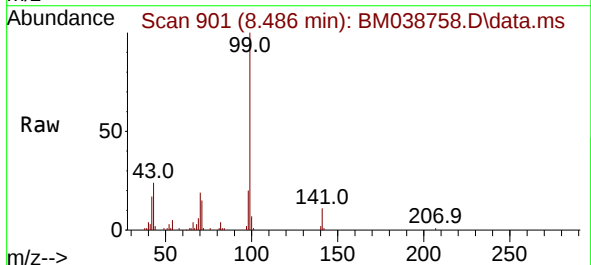
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-2-(TP2)-COMP-2

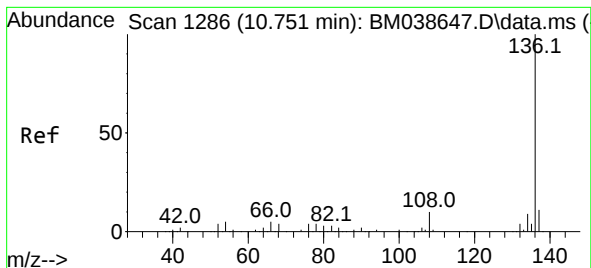
Tgt Ion: 99 Resp: 286882
Ion Ratio Lower Upper
99 100
42 17.1 14.6 22.0
71 34.4 31.0 46.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.159 ng
RT: 8.486 min Scan# 901
Delta R.T. -0.235 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

Tgt Ion: 70 Resp: 8793
Ion Ratio Lower Upper
70 100
42 88.4 43.4 65.2#
101 2.7 8.2 12.2#
130 0.0 18.8 28.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.728 min Scan# 11

Delta R.T. 0.018 min

Lab File: BM038758.D

Acq: 16 Feb 2023 15:34

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-2-(TP2)-COMP-2

Tgt Ion:136 Resp: 137501

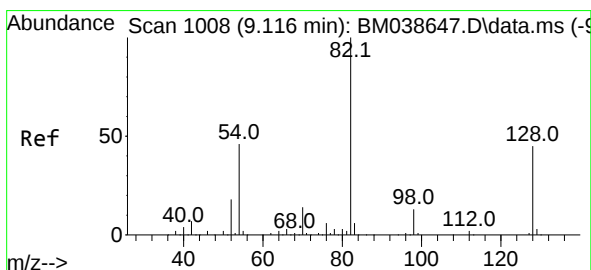
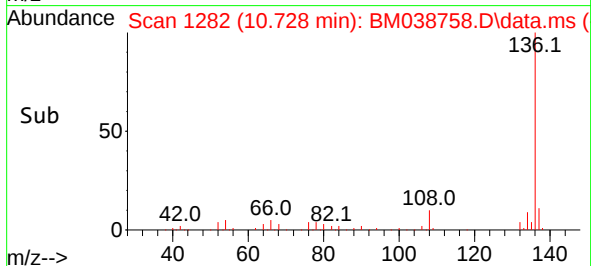
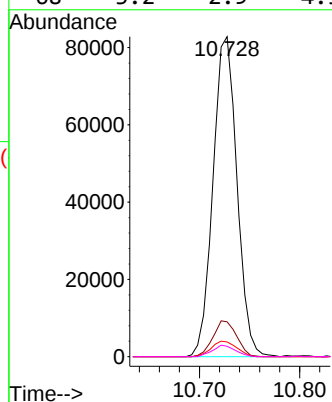
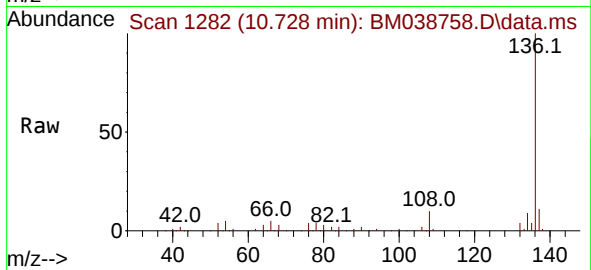
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.6 4.2 6.4

68 3.2 2.9 4.3



#23

Nitrobenzene-d5

Concen: 111.334 ng

RT: 9.092 min Scan# 1004

Delta R.T. 0.012 min

Lab File: BM038758.D

Acq: 16 Feb 2023 15:34

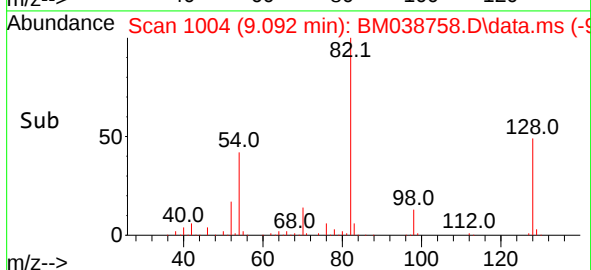
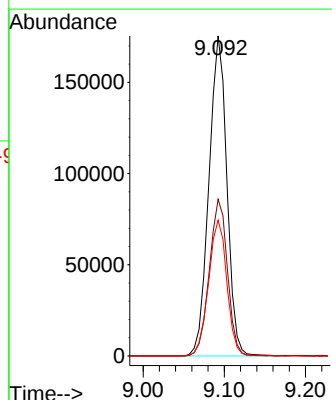
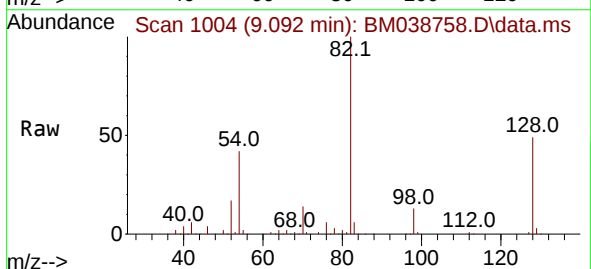
Tgt Ion: 82 Resp: 269515

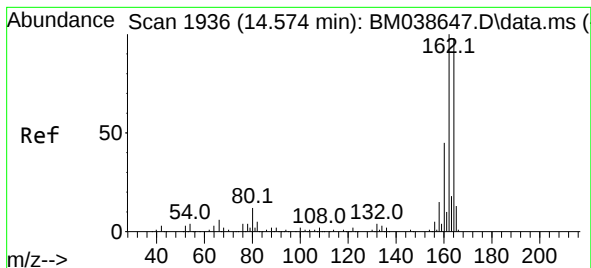
Ion Ratio Lower Upper

82 100

128 49.0 36.0 54.0

54 42.4 36.8 55.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1933

Delta R.T. 0.012 min

Lab File: BM038758.D

Acq: 16 Feb 2023 15:34

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-2-(TP2)-COMP-2

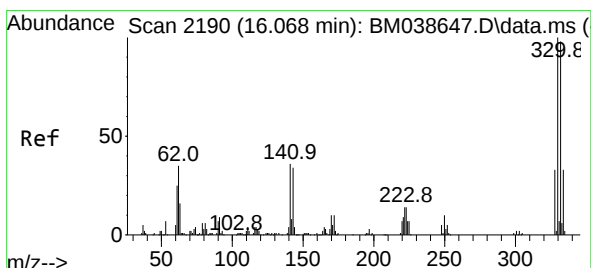
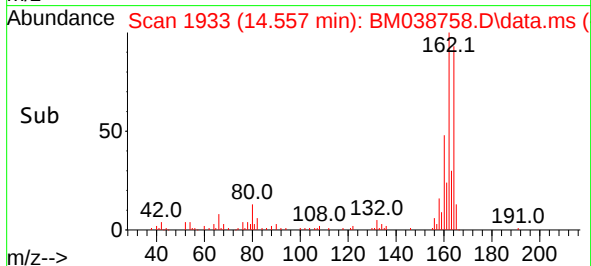
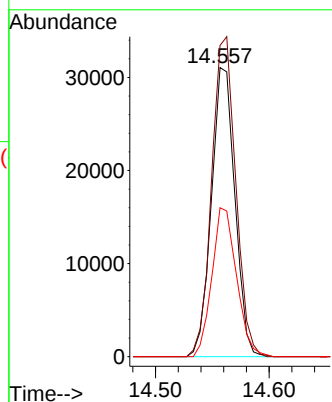
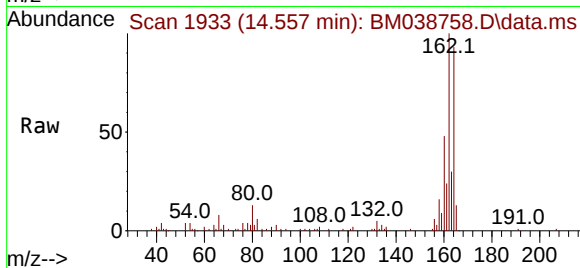
Tgt Ion:164 Resp: 44616

Ion Ratio Lower Upper

164 100

162 107.6 81.4 122.0

160 51.5 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 386.345 ng

RT: 16.051 min Scan# 2187

Delta R.T. 0.018 min

Lab File: BM038758.D

Acq: 16 Feb 2023 15:34

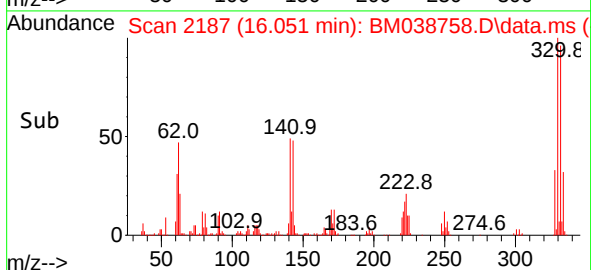
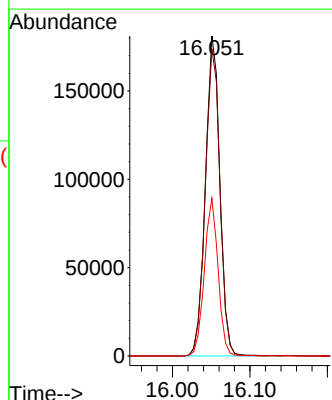
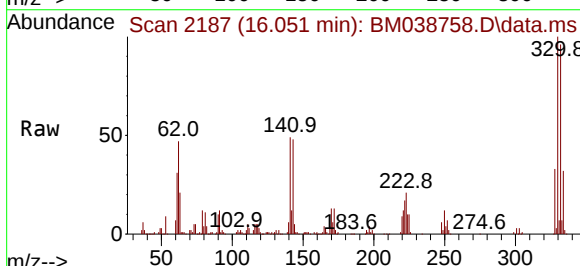
Tgt Ion:330 Resp: 234291

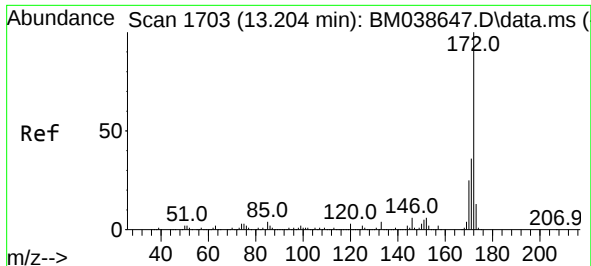
Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

141 46.9 31.0 46.6#

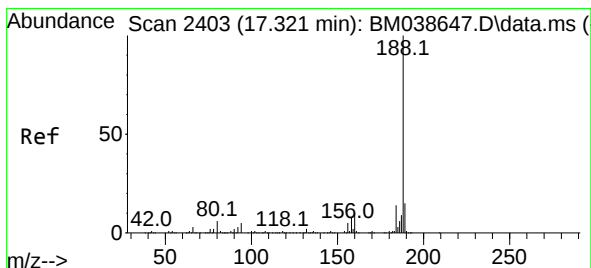
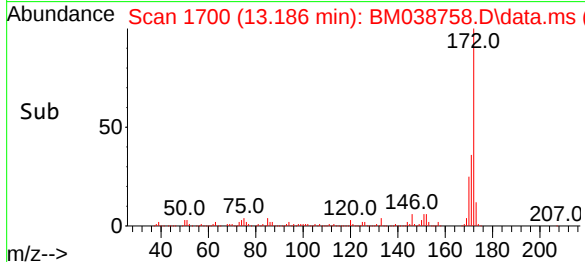
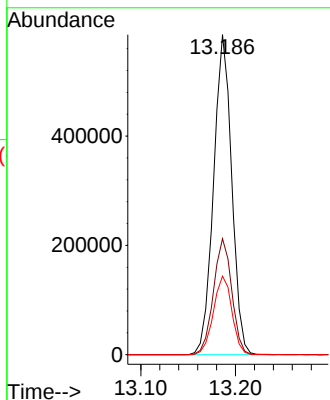
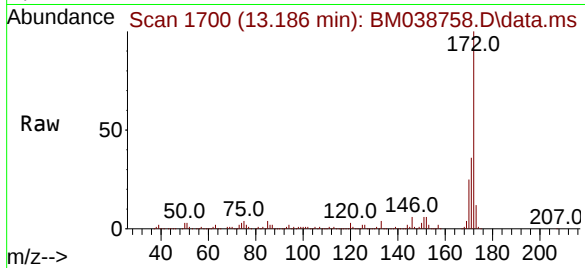




#45
2-Fluorobiphenyl
Concen: 222.624 ng
RT: 13.186 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

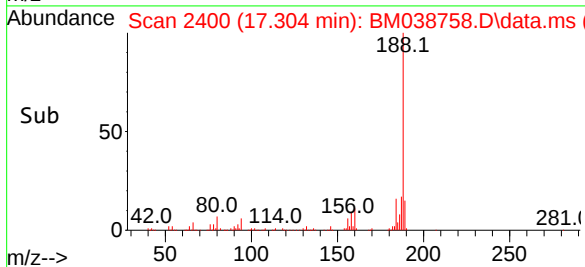
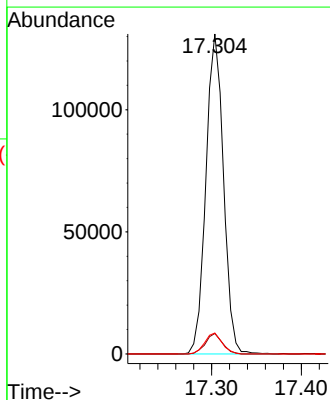
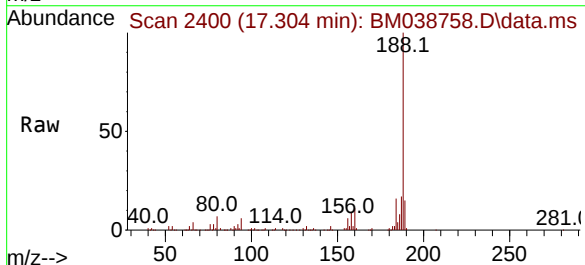
Instrument :
BNA_M
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TEST-PIT-2-(TP2)-COMP-2

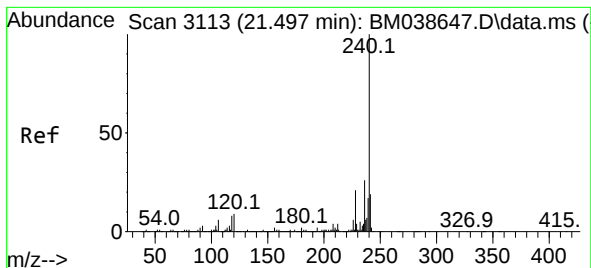
Tgt Ion:172 Resp: 780188
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.5 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2400
Delta R.T. 0.018 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

Tgt Ion:188 Resp: 178010
Ion Ratio Lower Upper
188 100
94 6.4 4.2 6.4#
80 6.6 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3113

Delta R.T. 0.018 min

Lab File: BM038758.D

Acq: 16 Feb 2023 15:34

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-2-(TP2)-COMP-2

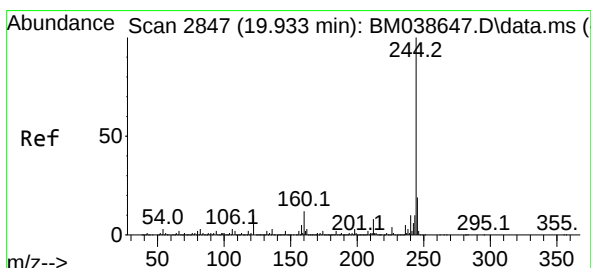
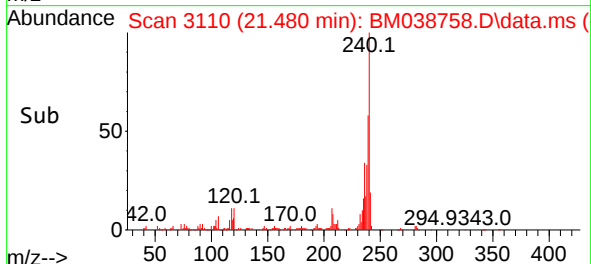
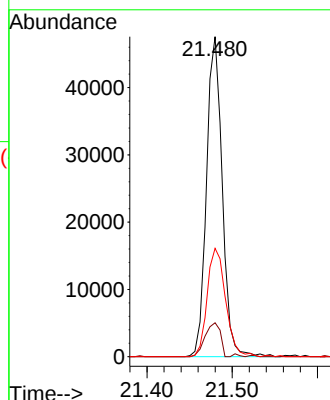
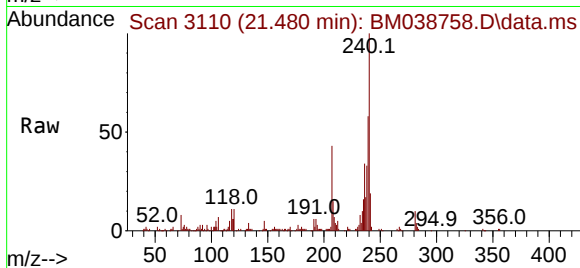
Tgt Ion:240 Resp: 61062

Ion Ratio Lower Upper

240 100

120 10.6 7.0 10.4#

236 33.8 20.9 31.3#



#79

Terphenyl-d14

Concen: 397.064 ng

RT: 19.927 min Scan# 2846

Delta R.T. 0.024 min

Lab File: BM038758.D

Acq: 16 Feb 2023 15:34

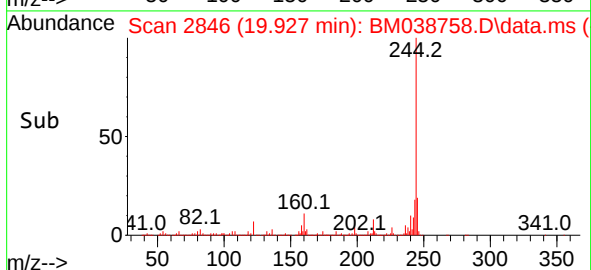
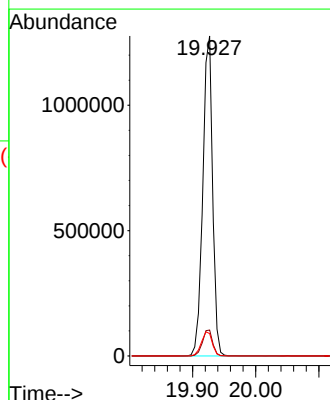
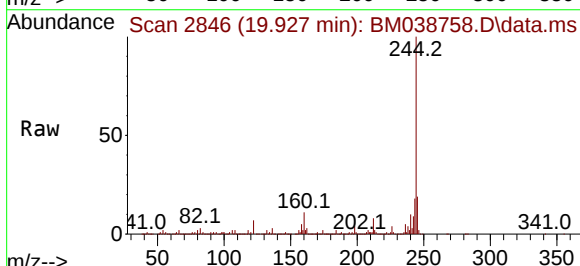
Tgt Ion:244 Resp: 1373941

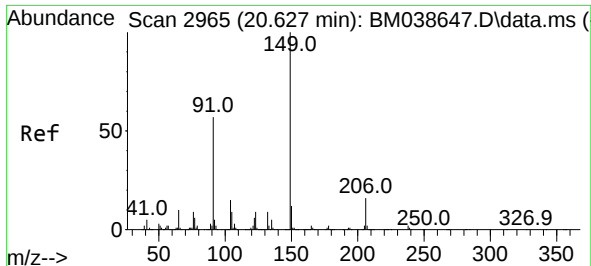
Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

122 7.0 7.8 11.8#

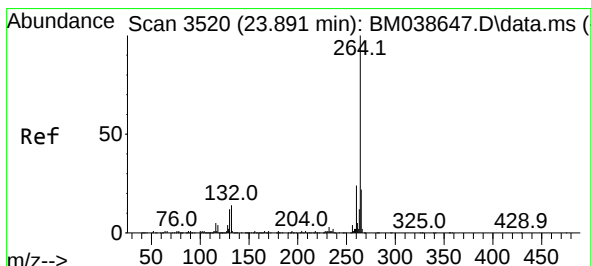
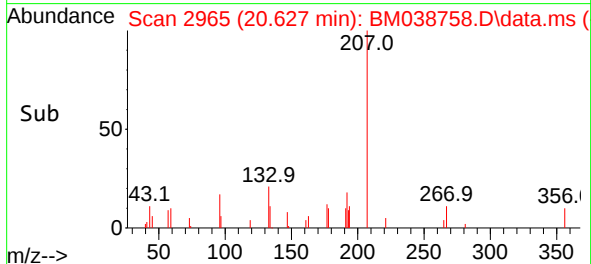
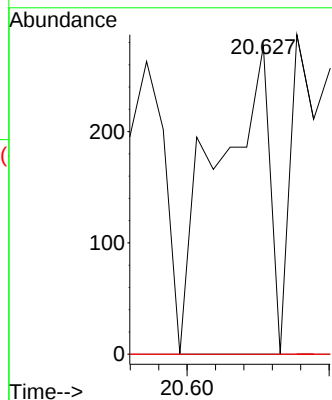
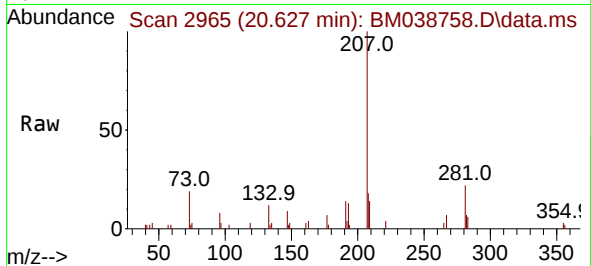




#80
Butylbenzylphthalate
Concen: 2.091 ng
RT: 20.627 min Scan# 2965
Delta R.T. 0.035 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

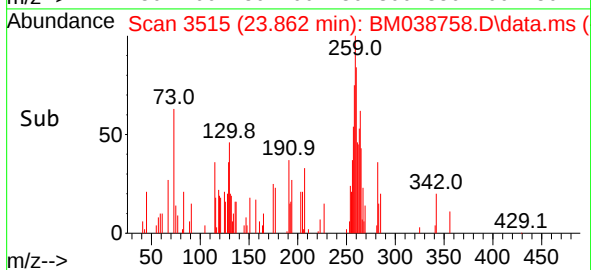
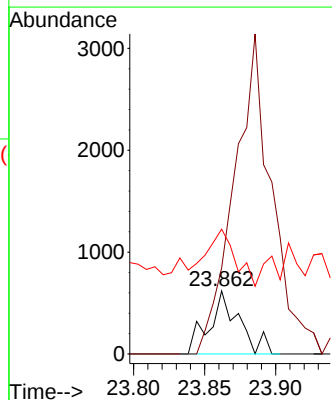
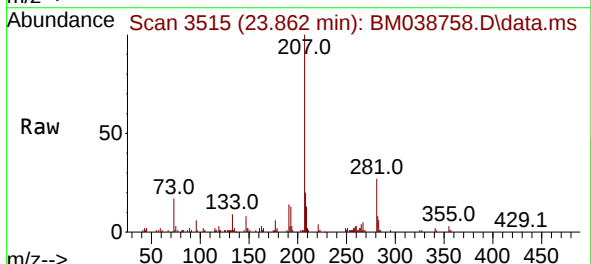
Instrument :
BNA_M
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TEST-PIT-2-(TP2)-COMP-2

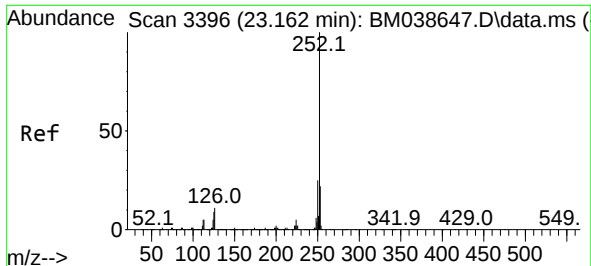
Tgt Ion:149 Resp: 357
Ion Ratio Lower Upper
149 100
91 0.0 45.6 68.4#
206 0.0 12.5 18.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.862 min Scan# 3515
Delta R.T. 0.024 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

Tgt Ion:264 Resp: 904
Ion Ratio Lower Upper
264 100
260 136.1 19.6 29.4#
265 197.7 17.9 26.9#

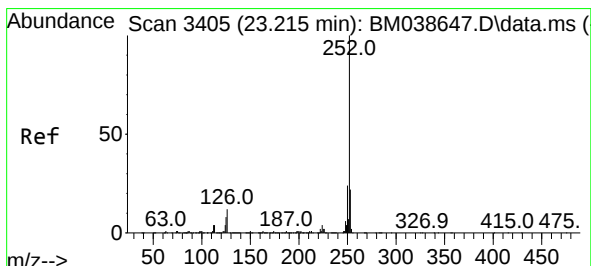
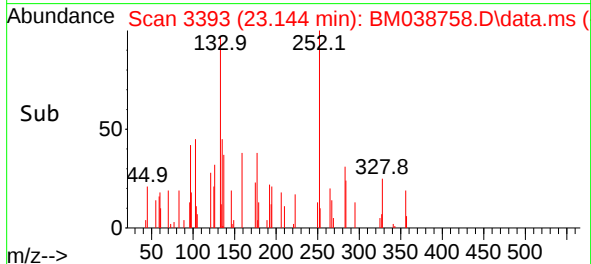
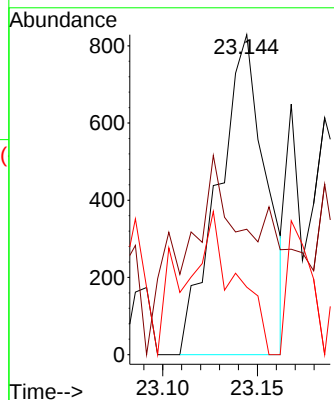
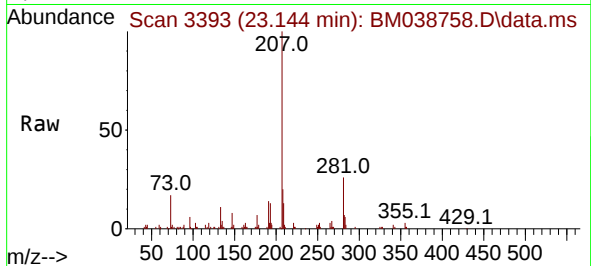




#88
Benzo(b)fluoranthene
Concen: 26.743 ng
RT: 23.144 min Scan# 31
Delta R.T. 0.029 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

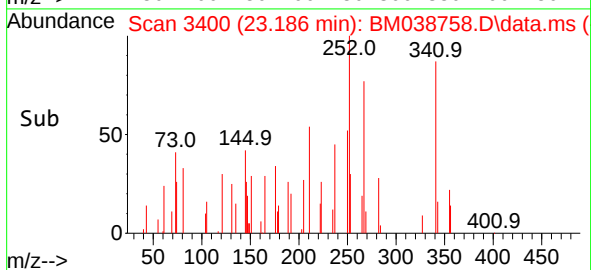
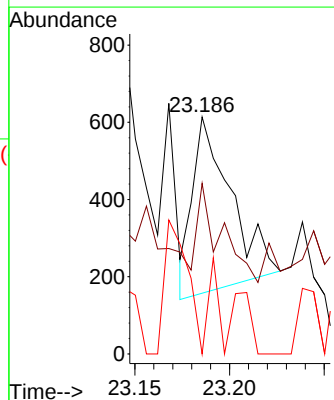
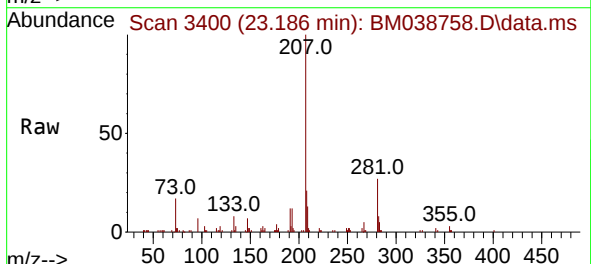
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-2-(TP2)-COMP-2

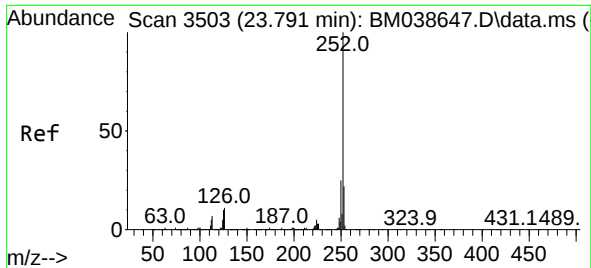
Tgt Ion:252 Resp: 1448
Ion Ratio Lower Upper
252 100
253 39.2 17.4 26.2#
125 21.1 7.0 10.6#



#89
Benzo(k)fluoranthene
Concen: 11.694 ng
RT: 23.186 min Scan# 3400
Delta R.T. 0.024 min
Lab File: BM038758.D
Acq: 16 Feb 2023 15:34

Tgt Ion:252 Resp: 643
Ion Ratio Lower Upper
252 100
253 72.0 17.4 26.0#
125 0.0 6.6 9.8#





#90
 Benzo(a)pyrene
 Concen: 2.615 ng
 RT: 23.762 min Scan# 34
 Delta R.T. 0.024 min
 Lab File: BM038758.D
 Acq: 16 Feb 2023 15:34

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-2-(TP2)-COMP-2

Tgt Ion:252 Resp: 140
 Ion Ratio Lower Upper
 252 100
 253 112.5 17.7 26.5#
 125 88.5 7.8 11.8#

